

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

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I, Lisa Mansur, hereby certify that the below identified Application and attached documents, pursuant to 37 C.F.R. §1.10, are being deposited as "Express Mail" this date with the United States Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

Date: April 15, 2004

By Lisa Mansur  
Signature of person depositing Express Mail

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

**DIVISIONAL APPLICATION FILING PURSUANT TO 37 C.F.R. §1.53(b)(1)**

Docket No.: 58651.00004

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

Herewith is the patent application of Applicant(s):

Martin J. Murphy

TITLE: SYSTEMS AND METHODS FOR SPECTRAL CORRECTED  
LIGHTNING DETECTION

Which is a: [ ] Continuation [ x ] Divisional application of U.S. patent application No. 10/395,808, filed on March 24, 2003.

**Including a direct or indirect copy of the prior application as filed, consisting of:**

- [ ] Declaration  
[ x ] Abstract  
43 Pages of Specification (only spec. and claims)  
10 Sheet(s) of drawing: [ ] informal [ x ] formal  
[ ] Amendment(s) referred to in declaration

The undersigned hereby verifies that the foregoing papers are a true direct or indirect copy of what is shown in our records to be the above identified prior application, including the oath or declaration originally filed.

**Small entity status:**

☐ Applicant asserts Small entity status under 37 C.F.R. §§ 1.9 and 1.27.

**Amendments:**

- ☐ Please cancel without prejudice claim(s) \_\_\_\_\_ of the application as filed prior to calculating the filing fee.
- ☐ Please add claim(s) \_\_\_\_\_
- ☒ A preliminary amendment is enclosed.
- ☐ Formal drawings as submitted on \_\_\_\_\_

**Copendency of Prior Application:**

- ☐ A petition, fee and response has been filed to extend the term of the pending prior application until \_\_\_\_\_.
- ☒ The prior application is presently pending.

**Other Enclosures:**

- ☒ Information Disclosure Statement pursuant to 37 C.F.R. §1.97-1.99
- ☒ PTO Form 1449
- ☐ Authorization under 1.136 (a)(3)

**THE FOLLOWING FILING FEE IS BASED ON**  
**CLAIMS AS FILED LESS ANY ABOVE CANCELED**

Basic Fee				=		\$770.00
Total Effective Claims	40	minus	20 =	20 x	\$ 18.00 =	360.00
Independent Claims	4	minus	3 =	1 x	\$ 86.00 =	86.00
If any proper multiple dependent claim is present, add \$290.00 (ignore improper)				\$290.00 +		290.00
Subtotal:						\$1506.00
If "small entity" status box above is checked, enter half (1/2) of the Subtotal and subtract						\$0.00
TOTAL FILING FEE						\$1506.00

- [ ] A check in the amount of \$\_\_\_\_\_ is enclosed.
- [ x ] Please charge Deposit Account No. 19-3878 in the amount of \$ 1,506.00. A duplicate copy of this sheet is attached.

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (deficiency only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-3878 for which purpose a duplicate copy of this sheet is attached.

Respectfully submitted,

Date: April 15, 2004

By William R. Bachand  
William R. Bachand  
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